



LEONI LEOMER® compounds

With more than 50 years of experience, LEONI LCS develops and manufactures PVC compounds for a wide range of applications.

Whereas many of the compounds available on the open market are aimed at a wide range of customers, LEONI LEOMER® formulas are tailored closely to the requirements of the automotive industry and the specific application.

Thanks to our flexibility and expertise, our customers receive **tailor-made solutions** that are developed individually in close cooperation.

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Profit from our **flexibility, expertise** and **close cooperation** with our customers.

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LEONI LCS Leading Cable Solutions.

LEONI Kabel GmbH | An der Lände 3 | 91154 Roth | Germany

Phone +49 9171 804-0

E-Mail compounds@leonicables.com

Web www.leonicables.com



@LEONI Cable Solutions



LEONI LEOMER® PVC

The **compound** you need.

LEONI **LCS**

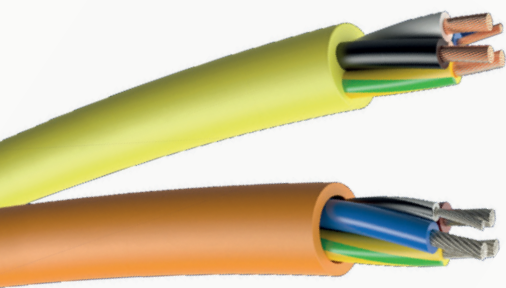
Our mission:

Tailor-made solutions for our customers

Unlimited possibilities.

The LEONI LEOMER® PVC product portfolio includes over *50 different mixtures*. The following properties can be achieved:

- Transparent or natural colored
- Shore 80A to Shore 60D
- Operating temperatures from -40°C to +125°C
- Flame retardancy according to IEC 60332 and UL VW1
- Oil resistance
- Wall thicknesses from 0.15 mm (FLUY ultra thin single-core automotive cables) to 4.3 mm (LEONI EcoSense® charging cables)



Individual. Tailor-made. LCS.

More than 50 compounds demonstrate our development expertise. An expert team continuously optimises these formulations based on market trends and customer requirements. Extensive testing and laboratory analyses ensure quality and processability.

Sample selection of PVC product range - further products on request

| Product type | Density/g/cm³ | Tensile strength/N/mm² | Elongation at break/% | Shore hardness | Applications | Cluster |
|--------------|---------------|------------------------|-----------------------|----------------|---|------------|
| LEOMER Y-402 | 1.4 | 14 | 300 | 85A | Automotive Class A, VDE TM2 | UL/ VDE |
| LEOMER Y-404 | 1.26 | 15 | 300 | 78A | VDE TI3, UL | UL/ VDE |
| LEOMER Y-405 | 1.28 | 15 | 200 | 92A | VDE TM3, UL | UL/ VDE |
| LEOMER Y-407 | 1.19 | 13 | 280 | 84A | VDE TM1, TM2 | UL/ VDE |
| LEOMER Y-409 | 1.27 | 13 | 300 | 78A | VDE TI1, TI2, TM1, TM2 | UL/ VDE |
| LEOMER Y-410 | 1.43 | 14 | 270 | 93A | Automotive Class A, VDE TI1, YI2 | UL/ VDE |
| LEOMER Y-412 | 1.39 | 20 | 300 | 97A | VDE TI-3 | UL/ VDE |
| LEOMER Y-421 | 1.3 | 18 | 250 | 38D | VDE TI3, UL | UL/ VDE |
| LEOMER Y-422 | 1.31 | 15 | 250 | 94A | VDE TI3, UL | UL/ VDE |
| LEOMER Y-419 | 1.26 | 12 | 300 | 78A | PSE appl., res. to oil & thermal pressure | PSE |
| LEOMER Y-408 | 1.38 | 17 | 200 | 92A | Automotive Class A, res. to oil | Automotive |
| LEOMER Y-415 | 1.30 | 22 | 300 | 47D | Automotive Class C | Automotive |
| LEOMER Y-416 | 1.28 | 15 | 250 | 87A | Automotive Class C | Automotive |
| LEOMER Y-420 | 1.34 | 20 | 290 | 97A | Automotive Class B | Automotive |

High tech in every granule.

Our PVC compounds are produced on one of the most modern facilities in Europe. Precise control, accurate dosing and continuous documentation guarantee consistent high quality and maximum process reliability.